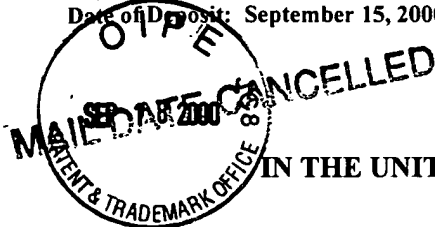


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GAU 1641



PATENT APPLICATION
Attorney Docket No. 15966-552 (CURA-652)

#4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Shimkets *et al.*

SERIAL NUMBER : 09/584,411

EXAMINER : Not Yet Assigned

FILING DATE : May 31, 2000

ART UNIT : 1641

FOR : NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY

September 15, 2000
Boston, Massachusetts



Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the present application are the following documents:

- ☒ Information Disclosure Statement (2 pages);
- ☒ Modified Form 1449/PTO (3 pages);
- ☒ Copies of Cited References (A1-A2, B1-B11, C1-C39); and
- ☒ Return Postcard.

No fees are believed to be due in connection with this submission. However, the Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311 (Reference No. 15966-552, CURA 52). A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts.

Respectfully submitted,

Christina J. Karnakis, Reg. No. 45,899
for Ivor R. Elrifi, Reg. No. 39,529
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Boston, Massachusetts 02111
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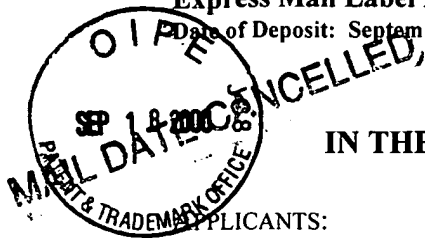
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Date of Deposit: September 15, 2000

Attorney Docket No. 15966-552 (CURA-52)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shimkets, *et al.*

SERIAL NUMBER: 09/584,411

EXAMINER: Not Yet Assigned

FILING DATE: May 31, 2000

ART UNIT: 1641

NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY

September 15, 2000
Boston, Massachusetts

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Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

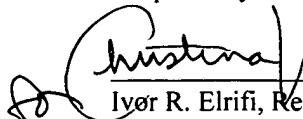
Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

Applicants have included an English language abstract of the PCT counterpart (WO 99/47655) to DE 19813835-A1 (B6). This English language abstract is attached to the back of reference B6.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Accordingly, no fee or certification is believed required.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 15966-552 (CURA-52).

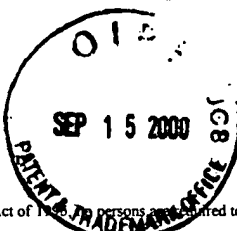
Respectfully submitted,

 Christina J. Karvakis, Reg. No. 45,899
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OCT 16 2000

Modified Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	09/584,411
Filing Date	5/31/00
First Named Inventor	Shimkets
Group Art Unit	1641
Examiner Name	
Attorney Docket Number	15966-552

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5916753	6/29/99	Ni, et al.			
	A2	5942400	8/24/99	Anderson, et al.			

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	Translation No
	B1	WO 98/36068-A2	Goli, et al.	8/20/98		
	B2	WO 98/07754-A1	Ni, et al.	2/26/98		
	B3	WO 99/46281-A2	Wood, et al.	9/16/99		
	B4	WO 99/31236-A2	Bougueleret, et al.	6/24/99		
	B5	WO 99/02456-A1	Leary, et al.	1/21/99		
	B6	DE 19813835-A1	Specht et al.	9/23/99		
	B7	WO 99/25825-A2	Bougueleret, et al.	5/27/99		
	B8	WO 99/32626-A1	Sims, J.E.	7/1/99		
	B9	WO 99/57132-A1	Jacobs, et al.	11/11/99		
	B10	WO 99/14328-A2	Wood, et al.	3/25/99		
	B11	WO 99/46380-A2	Tang, et al.	9/16/99		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Cannella, B., et al. (1998). "The neuregulin, glial growth factor 2, diminishes autoimmune demyelination and enhances remyelination in a chronic relapsing model for multiple sclerosis." <u>Proc Natl Acad Sci U S A</u> 95(17): 10100-5.
	C2	Gayle, M. A., et al. (1996). "Cloning of a putative ligand for the T1/ST2 receptor." <u>J Biol Chem</u> 271(10): 5784-9.
	C3	<u>GenBank Accession Number ACC:CAA44652 (1991)</u>
	C4	<u>GenBank Accession Number ACC:CAA27525 (1986)</u>
	C5	<u>GenBank Accession Number ACC:BAA11680 (1996)</u>
	C6	<u>GenBank Accession Number ACC:BAA34488 (1998)</u>

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C7	GenBank Accession Number ACC:L08825 (1993)
	C8	GenBank Accession Number ACC:CAA31302 (1988)
	C9	GenBank Accession Number ACC:A00281 (1989)
	C10	GenBank Accession Number ACC:CAA33109 (1989)
	C11	GenBank Accession Number ACC:CAA30372 (1988)
	C12	GenBank Accession Number ACC:CAA36809 (1990)
	C13	GenBank Accession Number ACC:P05307 (1987)
	C14	GenBank Accession Number ACC:P07237 (1987)
	C15	GenBank Accession Number ACC:P24347 (1990)
	C16	GenBank Accession Number ACC:CAA31343 (1988)
	C17	GenBank Accession Number ACC:X60933 (1991)
	C18	GenBank Accession Number ACC:X15059 (1989)
	C19	GenBank Accession Number ACC:X06220 (1986)
	C20	GenBank Accession Number ACC:Z18217 (1992)
	C21	GenBank Accession Number ACC:X63875 S41966 (1992)
	C22	GenBank Accession Number ACC:CAA40958 (1991)
	C23	GenBank Accession Number HSU19948 ACC:CAA31009 (1988)
	C24	GenBank Accession Number X68721 (1993)
	C25	GenBank Accession Number SPTREMBL-ACC:Q9Y3A6 (May, 1999)
	C26	Gladson, C. L. (1999). "The Extracellular Matrix of Gliomas: Modulation of Cell Function." <u>J Neuropathol Exp Neurol</u> 58(10): 1029-40.
	C27	Hoshino, K., et al. (1999). "The Absence of Interleukin 1 Receptor-related T1/ST2 Does Not Affect T Helper Cell Type 2 Development and Its Effector Function." <u>J Exp Med</u> 190(10): 1541-7.
	C28	Jahkola, T., et al. (1998). "Expression of Tenascin-C in Intraductal Carcinoma of Human Breast: Relationship to Invasion." <u>Eur J Cancer</u> 34(11): 1687-92.
	C29	Jahkola, T., et al. (1998). "Tenascin-C expression in invasion border of early breast cancer: a predictor of local and distant recurrence." <u>Br J Cancer</u> 78(11): 1507-13.
	C30	Lee, Y. H., et al. (1996). "The Expression of and Insulin Binding to Cellular Thyroid Hormone Binding Protein, but not Insulin Degrading Enzyme, is Increased During 3T3-L1 Adipocytes Differentiation." <u>Biochem Biophys Res Commun</u> 222(3): 839-43.
	C31	Notterpek, L. M. (1994). "A Protein Involved in Central Nervous System Myelination: Localization in the Extracellular Matrix and Induction in Neuroblastoma Cells." <u>Dev Neurosci</u> 16(5-6): 267-78.
	C32	Otaki, J. M. et al., (1999). "Neurestin: Putative Transmembrane Molecule Implicated in Neuronal Development." <u>Dev Biol</u> 212(1): 165-81.
	C33	Phillips, G. R., et al. (1998). "Domains of tenascin involved in glioma migration." <u>J Cell Sci</u> 111(Pt 8): 1095-104.
	C34	Treasurywala, S. et al., (1998). "Migration Arrest in Glioma Cells is Dependent on the Integrin Subunit." <u>Glia</u> 24(2): 236-43.
	C35	Vollmer, G., et al. (1992). "Down-Regulation of Tenascin Expression by Antiprogestins during Terminal Differentiation of Rat Mammary Tumors." <u>Cancer Res</u> 52(17): 4642-8.
	C36	Wilson, K. E., et al. (1996). "Expression of the extracellular matrix protein tenascin in malignant and benign ovarian tumours." <u>Br J Cancer</u> 74(7): 999-1004.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
JC	C37	Yamauchi, K., et al. (1987). "Sequence of membrane-associated thyroid hormone binding protein from bovine liver: its identity with protein disulphide isomerase." <u>Biochem Biophys Res Commun</u> 146(3): 1485-92.
	C38	Yu, D., et al. (1998). "Overexpression of ErbB2 Blocks Taxol-induced Apoptosis by Upregulation of p21 ^{Cip1} , which Inhibits p34 ^{Cdc2} kinase." <u>Mol Cell</u> 2(5): 581-91.
	C39	GenBank Accession No. ACC::P71959 Hypothetical 9.9KD Protein CY441.31 - Mycobacterium Tuberculosis.

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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